

- 1 MISCELLANEOUS (E.G., ARTIFICIAL SNOW)
- 2 FIRE-EXTINGUISHING
- 3 .Foam or gas phase containing
- 4 .Gas generative, chemically
- 5 ..Dry, combustion type
- 6 ..Low temperature chemically interreactive
- 6.5 ...Foam-stabilizant or colloid-stabilizant containing
- 7 ..Carbonates or ammonium salts containing or pyrolytic
- 8 .Volatile or gas charged liquids containing
- 8.05 .Foam-stabilizant or colloid-stabilizant containing
- 601 FIRE RETARDING
- 602 .Having disparate function
- 603 .For living matter
- 604 .Material physically quantified
- 605 .Containing gas
- 606 .Intumescent
- 607 .For wood or cellulosic material other than textile
- 608 .For textile (i.e., woven material)
- 609 .For solid synthetic polymer and reactants thereof
- 610 .Dispersion or colloidal system
- 611 ..For dispersion or collodial system
- Class 507 is an integral part of this Class (Class 252), as shown by the position of this box, and follows the schedule hierarchy of this Class, retaining all pertinent definitions and Class lines of this class.
- 8.57 LEATHER OR FUR TREATING (OTHER THAN CLEANING COMPOSITIONS OR AUXILIARY COMPOSITIONS FOR CLEANING)
- 8.61 DURABLE FINISHES FOR TEXTILE MATERIALS, OR PROCESSES OF PREPARING (E.G., CREASE RESISTANT, MOISTURE ABSORBENT, ANTISTATIC, ETC., FINISHES)
- 8.62 .Oil or water repellent or soil resistant or retardant
- 8.63 .Textile softening

- 8.81 TEXTILE PROCESSING AID COMPOSITIONS, OR PROCESSES OF PREPARING (E.G., LUBRICANTS OR ANTISTATIC AGENTS FOR FIBER, YARN, FABRIC, ETC.)
- 8.82 .For tire cord yarn, elastomeric filaments, or biologically innocuous or absorbable fibers (e.g., spandex, textiles used in food packaging, absorbable surgical sutures, etc.)
- 8.83 .Sizing agents (e.g., for weaving yarn, etc.)
- 8.84 .For textile materials consisting wholly or in part of noncellulosic synthetic fibers (e.g., spin finish for nylon, polyester, acrylic, etc., fibers; lubricants for blends thereof with diverse fibers, etc.)
- 8.85 .For textile materials consisting wholly or in part of animal hair fibers (e.g., wool, etc.)
- 8.86 .For textile materials consisting wholly or in part of silk or cellulose-based fibers (e.g., cotton; artificial silk, such as rayon, cellulose acetate, etc., or blends thereof; silk soaking compositions; etc.)
- 8.91 COMPOSITIONS FOR ENHANCING THE APPEARANCE OF CONSUMER TEXTILE GOODS (OTHER THAN CLEANING COMPOSITIONS OR AUXILIARY COMPOSITIONS FOR CLEANING), OR PROCESSES OF PREPARING (E.G., ANTISTATIC OR WRINKLE-REMOVING SPRAY FOR GARMENTS, ETC.)
- 67 VAPORIZATION, OR EXPANSION, REFRIGERATION OR HEAT OR ENERGY EXCHANGE
- 68 .With lubricants, or warning, stabilizing or anti-corrosion agents or persistent gases
- 69 .With low-volatile solvent or absorbent

Class 508 is an integral part of this Class (Class 252), as shown by the position of this box, and follows the schedule hierarchy of this Class, retaining all pertinent definitions and Class lines of this class.

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| 60 | PHYSICAL SEPARATION AGENTS | 62.9 PZ | .Lead, zirconium, titanium or compound thereof containing |
| 61 | .Froth-flotation or differential adherence | 567 | DEFINED LIQUID DIELECTRIC DISPERSED IN DEFINED WEB OR SHEET |
| 62 | HEAT OR SOUND INSULATING | 570 | FLUENT DIELECTRIC |
| 62.2 | ELECTROLYTES FOR ELECTRICAL DEVICES (E.G., RECTIFIER, CONDENSER) | 571 | .Gaseous or gas-containing |
| 62.3 R | BARRIER LAYER DEVICE COMPOSITIONS | 572 | .Metal- or insoluble component-containing; e.g., slurry, grease, etc. |
| 62.3 T | .Thermoelectric | 573 | .Si-containing |
| 62.3 Q | .Organic | 574 | .B-, P-, S-, Se-, or Te-containing |
| 62.3 E | .Free element containing | 575 | .N-containing |
| 62.3 S | ..Selenium or tellurium | 576 | ..O in N compound |
| 62.3 GA | .Group III element containing binary compound; e.g., Ga, As | 577 | ...Nitro or nitroso compound |
| 62.3 ZB | .Groups II and V elements containing binary compound; e.g., zinc, bismuth | 578 | .O-containing |
| 62.3 ZT | .Groups II and VI elements containing binary compound; e.g., Zn, Te | 579 | ..Carboxylic acid ester |
| 62.3 V | .Group VI element-containing | 580 | ..Halogen-containing |
| 62.3 BT | ..Containing Group IV element and oxygen; e.g., barium, titanium III oxide | 581 | .Halogenated polycyclic compound-containing |
| 62.3 C | .Binary alloy or carbide; e.g., Al, In, LiC | 70 | FROST-PREVENTING, ICE-THAWING, THERMOSTATIC, THERMOPHORIC, OR CRYOGENIC |
| 62.51 R | MAGNETIC | 71 | HEAT-EXCHANGE, LOW-FREEZING OR POUR POINT, OR HIGH BOILING COMPOSITIONS |
| 62.52 | .Flaw detection or magnetic clutch | 72 | .With leak-stopping agents |
| 62.53 | .With wax, bitumen, resin, or gum | 73 | .Organic components |
| 62.54 | ..Synthetic resin | 74 | ..Metal compounds or inorganic components (except water) |
| 62.55 | .Free metal or alloy containing | 75 | ...Organic compounds of nonmetals other than C, H, and O |
| 62.56 | .Iron-oxygen compound containing | 76 | ...Carboxylic organic compounds containing |
| 62.57 | ..With scandium, yttrium, gallium, rare earth, or actinide | 77 | ..Organic compounds of nonmetals other than C, H, and O |
| 62.58 | ..With boron, aluminum, thallium, or indium | 78.1 | ...Organic compounds of nonmetals other than C, H, O, and N |
| 62.59 | ..With titanium, zirconium, silicon, hafnium, germanium, or tin | 78.3 |Organic Si containing compounds |
| 62.6 | ..With Group I metal | 78.5 |Organic P containing compounds |
| 62.61 | ...Lithium | 79 | ..Carboxylic organic compounds containing |
| 62.62 | ..With Group II metal or lead | 79.1 | ETCHING OR BRIGHTENING COMPOSITIONS |
| 62.63 | ...Calcium, barium, strontium, or lead | 79.2 | .Inorganic acid containing |
| 62.64 | ...Magnesium | 79.3 | ..Fluorine compound containing |
| 62.51 C | .Chromium or chromium compound containing | 79.4 | ..With organic material |
| 62.9 R | PIEZOELECTRIC | 79.5 | .Alkali metal hydroxide containing |

- 88.1 **DUST SUPPRESSANTS FOR BULK MATERIALS, OR PROCESSES OF PREPARING (E.G., FOR CONSOLIDATING DUST IN COAL MINES, CONTROLLING SOIL EROSION, ETC.)**
- 88.2 **COMPOSITIONS FOR COATING OR IMPREGNATING A SUBSTRATE USED FOR COLLECTING FINE PARTICLES BY ADHERENCE, OR PROCESSES OF PREPARING (E.G., FOR IMPREGNATING DUSTING CLOTHS, DUST FILTERS, ETC.)**

Class 510 is an integral part of this Class (Class 252), as shown by the position of this box, and follows the schedule hierarchy of this Class, retaining all pertinent definitions and Class lines of this class.

- 175 **WATER-SOFTENING OR PURIFYING OR SCALE-INHIBITING AGENTS**
- 176 .Packages or heterogeneous arrangements
- 178 .Deoxidant or free-metal containing
- 179 .Water-insoluble base-exchange agent containing
- 180 .Plant or organic material containing
- 181 ..With inorganic matter other than alkali-metal hydroxides and carbonates and water
- 181.1 **GETTERS OR GAS OR VAPOR GENERATING MATERIALS FOR ELECTRIC LAMPS, ELECTRIC SPACE DISCHARGE DEVICES, AND SIMILAR DEVICES**
- 181.2 .Plural getter and/or gas or vapor generating materials
- 181.3 .Reactive compositions
- 181.4 ..Containing magnesium, alkali-metal and alkaline-earth metal, or compound thereof
- 181.5 .Gaseous getters
- 181.6 .Metal or metal compound containing
- 181.7 ..Magnesium, alkali-metal, or alkaline-earth metal
- 194 **HUMIDOSTATIC, WATER REMOVIVE, BINDIVE, OR EMISSIVE**

Class 502 is an integral part of this Class (Class 252), as shown by the position of this box, and follows the schedule hierarchy of this Class, retaining all pertinent definitions and Class lines of this class.

- 478 **X-RAY OR NEUTRON SHIELD**
- 500 **ELECTRICALLY CONDUCTIVE OR EMISSIVE COMPOSITIONS**
- 501.1 .Light sensitive
- 502 .Elemental carbon containing
- 503 ..With free metal
- 504 ..With carbide
- 505 ..With radioactive material
- 506 ..With metal compound
- 507 ...Titanium or zirconium compound
- 508 ...Aluminum compound
- 509 ...Magnesium, alkaline earth metal, or rare earth metal compound
- 510 ..With organic component
- 511 ...Resin, rubber, or derivative thereof containing
- 512 .Free metal containing
- 513 ..Iron group metal (iron, cobalt, nickel)
- 514 ..Noble metal (gold, silver, ruthenium, rhodium, palladium, osmium, iridium, platinum)
- 515 ..Tungsten
- 516 .Carbide containing
- 517 .Radioactive material containing
- 518.1 .Metal compound containing
- 519.1 ..Compound viewed as composition (i.e., wherein atoms or molecules in a chemical formula are not present as whole small integer values or cannot be multiplied by a single-digit factor to yield integer values)
- 519.12 ...Titanium containing
- 519.13 ...Bismuth, ruthenium, or iridium containing
- 519.14 ...Sulfur, tellurium, selenium, nitrogen, phosphorus, or boron containing
- 519.15 ...Four diverse metals containing
- 519.2 ..Organometallic (e.g., soap, complex, etc.)
- 519.21 ...With additional organic compound

- 519.3 ..With organic compound
 519.31 ...The organic compound contains silicon
 519.32 ...The organic compound is a natural resin, protein, lignin, carbohydrate, or derivative thereof
 519.33 ...The organic compound is a polymer
 519.34The metal compound contains halogen, sulfur, selenium, phosphorus, arsenic, boron, or nitrogen
 519.4 ..Sulfur, selenium, or tellurium containing
 519.5 ..Zinc compound
 519.51 ...Additional diverse metal containing
 519.52 ...With boron compound
 519.53 ...With halogen compound
 519.54 ...Silicon containing or with compound of bismuth or silicon
 520.1 ..Tin compound
 520.2 ..Titanium or zirconium compound
 520.21 ...Additional diverse metal containing
 520.22 ...Boron, silicon, phosphorus, nitrogen, hydrogen, carbon, or halogen containing
 520.3 ..Silver, gold, or platinum compound
 520.4 ..Vanadium compound
 520.5 ..Tungsten or yttrium compound
 521.1 ..Rare earth metal compound
 521.2 ..Iron, cobalt, or nickel compound
 521.3 ..Silicon containing or with silicon compound
 521.4 ..Boron containing or with boron compound
 521.5 ..Halogen, carbon, phosphorus, or nitrogen containing
 521.6 ..With nonmetal compound containing halogen, nitrogen, phosphorus, or sulfur
 492 **INCANDESCENT MANTLE COMPOSITIONS**
 299.01 **LIQUID CRYSTAL COMPOSITIONS**
 299.1 .Containing pleochroic dye
 299.2 .Containing dopant salt
 299.3 .Containing charge-transfer agents
 299.4 .Containing nonchiral aligning agents
 299.5 .Containing nonchiral additive having no specified mesophase
 299.6 .Containing nonsteryl liquid crystalline compound of specified structure
 299.61 ..Including heterocyclic ring
 299.62 ..Including fused or bridged rings
 299.63 ..Including fully saturated ring
 299.64 ..Aryl ester of aryl acid having three benzene rings
 299.65 ...Benzene rings linked by direct bond
 299.66 ..Benzene rings linked by direct bond
 299.67 ..Phenyl benzoate derivative
 299.68 ..Including benzene rings bonded through azo, azoxy, or azomethine linkage
 299.7 .Cholesteric liquid crystal composition containing a sterol derivative
 582 **LIGHT TRANSMISSION MODIFYING COMPOSITIONS**
 583 .Modification caused by energy other than light
 584 .Inorganic crystalline solid
 585 .Producing polarized light
 586 .Displaying color change
 587 .Infrared
 588 .Ultraviolet
 589 ..Organic material
 625 **RADIOACTIVE COMPOSITIONS**
 634 .In form of sol solution or gel
 635 ..Including production of solid particles by chemical reaction
 636 .Nuclear reactor fuel
 637 ..Actinide having nonactinide component
 638 ...Oxide component
 639 ...Carbon containing component
 640 ...Free metal or metal compound component
 641 ..Actinide nitrides only
 642 ..Actinide carbides only
 643 ..Actinide oxides only
 644 .As a source of radiation or heat
 645 ..For tracing, tagging, or testing
 646 .Luminescent
 647 ..Laser
 301.16 **ORGANIC LUMINESCENT MATERIAL CONTAINING COMPOSITIONS**
 301.17 .Scintillating or lasing compositions
 301.18 ..Heavy metal containing

- 301.19 .Inspection penetrant compositions
- 301.21 .Optical brightening compositions
- 301.22 ..Heterocyclic compounds having an intercydic acyclic methine linkage
- 301.23 ...Triazines
- 301.24 ...Thiazoles or oxazoles
- 301.25 ..Azine containing
- 301.26 ..Six-membered ring having one hetero-N-atom
- 301.27 ..Azole containing
- 301.28 ...Thiazoles or oxazoles
- 301.29 ...Tri- or tetrazoles
- 301.31 ..Five-membered ring having four carbon atoms and one nitrogen atom
- 301.32 ..Hetero-S-atom or hetero-O-atom containing
- 301.33 .With inorganic luminescent material
- 301.34 .Natural resin, cellulose, or derivatives containing
- 301.35 .Synthetic resin containing
- 301.36 **INORGANIC LUMINESCENT COMPOSITIONS WITH ORGANIC NONLUMINESCENT MATERIAL**
- 301.4 R **INORGANIC LUMINESCENT COMPOSITIONS**
- 301.5 .Tungsten containing
- 301.6 R .Zinc or cadmium containing
- 301.6 S ..Sulfur containing
- 301.6 P ..Phosphorus containing
- 301.6 F ..Group IV element containing
- 301.4 S .Sulfur containing
- 301.4 P .Phosphorus containing
- 301.4 F .Group IV element containing
- 301.4 H .Compositions containing halogen; e.g., halides and oxyhalides
- 700 **CHEMILUMINESCENT**
- 182.1 **HAVING UTILITY AS A REACTIVE MATERIAL IN AN ELECTROCHEMICAL CELL; E.G., BATTERY, ETC.**
- 184 **ABSORPTIVE, OR BINDIVE, AND CHEMICALLY YIELDIVE (E.G., ION EXCHANGER)**
- 185 **PLUMBIFEROUS SULPHUR BINDANT OR MODIFIANT CONTAINING**
- 186.1 **OXIDATIVE BLEACHANT, OXIDANT CONTAINING, OR GENERATIVE**
- 186.2 .Composition containing two or more solid materials with defined physical dimensions; e.g., surface areas, volumes, etc., or process of producing said composition
- 186.21 .Plural oxidants
- 186.22 ..Contains plural peroxides
- 186.23 ...Organic peroxide
- 186.24 .Contains elemental material devoid of water
- 186.25 .Composition containing a stabilizer or a product in the form of a surface-modified, impregnated, encapsulated, or surface-coated article; or process of producing said composition
- 186.26 ..Organic peroxide
- 186.27 ..Inorganic peroxide
- 186.28 ...Contains hydrogen peroxide
- 186.29With organic material
- 186.3 ...Contains perborate
- 186.31With organic material
- 186.32 ...Contains Group IA metal peroxide
- 186.33 ..Contains Group VIIB or Group VIII metal or compound thereof
- 186.34 ..Contains organohalogen compound as oxidant
- 186.35 ...Chloroisocyanurate
- 186.36 ..Contains free halogen or oxy-halogen acid type
- 186.37 ...Contains alkaline earth metal
- 186.38 .Contains activator admixed with inorganic peroxide
- 186.39 ..Contains heterocyclic compound
- 186.4 ...Oxygen heterocycle
- 186.41 ..Hydrogen peroxide
- 186.42 .Contains organic peroxide
- 186.43 .Contains inorganic peroxide
- 186.44 .Contains inorganic nitrogen containing compound
- 187.1 .Free halogen or oxy-halogen acid type
- 187.2 ..Oxidant contains halogen other than chlorine
- 187.21 ..Chlorine dioxide or monoxide
- 187.22 ...With elemental chlorine
- 187.23 ..Chlorite
- 187.24 ...Hypochlorite
- 187.25Alkali metal hypochlorite
- 187.26Sodium
- 187.27Alkaline earth metal hypochlorite

187.28Calcium
 187.29With alkali metal compound
 187.3With alkaline earth metal compound
 187.31 ..Chlorate or perchlorate
 187.32 ..Hypochlorous acid
 187.33 ..Oxidant contains N-Cl bond
 187.34 ...Chloroisocyanurate
 188.1 **REDUCTIVE BLEACHANT, DEOXIDANT, REDUCTANT, OR GENERATIVE**
 188.2 ..Sulfur containing reductant, bleachant, deoxidant, or generative
 188.21 ..Sulfite
 188.22 ...Hydrosulfite (dithionite)
 188.23With organic additive
 188.24Contains nitrogen
 188.25 ..Hydrogen generating
 188.26 ..Hydride containing
 188.27 ..Contains Al-H bond
 188.28 ..Deoxidant or oxygen scavenging
 189 **CO, S, NEGATIVE ELEMENT, OR ACID, BINDANT CONTAINING**
 190 ..With absorbents
 191 ..Basis-iron containing
 192 ..Alkali-metal or alkali-metal compound containing
 193 **AMMONIA, ALKALI OR BASE, BINDANT CONTAINING**
 363.5 **SOLIDS WITH SOLUTION OR DISPERSION AIDS**

Class 516 is an integral part of this Class (Class 252), as shown by the position of this box, and follows the schedule hierarchy of this Class, retaining all pertinent definitions and Class lines of this class.

364 **SOLVENTS**
 365 **ANTI-INGESTIBLE OR DENATURED**
 366 ..Alcohol type
 367.1 **SOAPS (I.E., ALKALI-METAL SALTS OF WATER-INSOLUBLE FATTY ACIDS OR OF ROSIN ACIDS)**
 372 **GASEOUS COMPOSITIONS**
 373 ..Carbon-oxide and hydrogen containing
 374 ..Nitrogen and hydrogen containing
 375 ..Nitrogen from air or elementary nitrogen only and hydrogen from compounds
 376 ...Hydrogen from hydrocarbons

377 ..From elementary nitrogen and hydrogen only or purification
 378 R **EXFOLIATED OR INTUMESCED**
 378 P ..Perlite
 380 **PRESERVATIVE AGENTS**
 381 ..Anti-caking, separative or protective coatings or zones
 382 ..Foams, liquids, or fluids
 383 ..Organic and inorganic matter containing
 384 ..Organic compound containing
 385 ..Inorganic compound or element containing
 387 ..Anti-corrosion
 388 ..Organic compound containing
 389.1 ...Component inorganic or organic comprising element other than C,H,O,N,S, and halogen
 389.2Phosphorus containing
 389.21Nitrogen and/or sulfur in phosphorus compound
 389.22Pentavalent P, except $H(n+2)PnO(3n+1)$
 389.23Pentavalent P, except $H(n+2)PnO(3n+1)$
 389.24Trivalent P (e.g., phosphorus acid, phosphites, etc.)
 389.3Silicon containing
 389.31Organo silicon
 389.32Nitrogen containing (e.g., amino, etc.)
 389.4Boron containing
 389.41Organo boron
 389.5Chromium containing
 389.51Lead containing
 389.52Zinc or aluminium containing
 389.53Nickel, iron, cobalt, copper, manganese, mercury, or cadmium containing
 389.54Molybdenum, arsenic, antimony, vanadium, bismuth, tungsten, selenium, or tellurium containing
 389.61Group IIA metal containing
 389.62Alkali metal or NH_4^+ containing
 390 ...Amine, amide, azo, or nitrogen-base radical containing
 391Sulphur organic compound containing
 392Oxygen organic compound containing

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| 393 | ...Phenol or quinone radical containing | 406 | ...Sulphur organic compound containing |
| 394 | ...Nitrogen organic compound containing | 407 | ...Oxygen organic compound containing |
| 395 | ...Sulphur organic compound containing | 408.1 | NONREACTIVE ANALYTICAL, TESTING, OR INDICATING COMPOSITIONS |
| 396 | ...Oxygen organic compound containing | 600 | RADIATION SENSITIVE |
| 397 | ..Anti-oxidants or chemical change inhibitants | 182.11 | COMPOSITIONS CONTAINING A SINGLE CHEMICAL REACTANT OR PLURAL NONINTERACTIVE CHEMICAL REACTANTS; I.E., NOT VIS-A-VIS |
| 398 | ..Plant or animal matters of unknown compositions | 182.12 | ..Organic reactant |
| 399 | ..Organic compound containing | 182.13 | ..For subsequent solid polymer treatment or preparation; e.g., crosslinking, grafting, curing, hardening, vulcanizing, etc. |
| 400.1 | ...Component inorganic or organic comprising element other than C,H,O,N,S, and halogen | 182.14 | ...Reactant contains element other than C, H, O, or N |
| 400.2 |Phosphorus containing | 182.15 |Halogen |
| 400.21 |Nitrogen or sulfur in phosphorus compound | 182.16 |Bromine or iodine |
| 400.22 |Pentavalent P, but not fully oxygenated | 182.17 |Sulfur |
| 400.23 |Pentavalent P, but not fully oxygenated | 182.18 | ...Reactant contains ethylenic group |
| 400.24 |Trivalent P (e.g., phosphorous acid, phosphites, etc.) | 182.19 |Cyclic anhydride moiety |
| 400.3 |Silicon containing | 182.2 | ...Reactant contains isocyanate (-N=C=O) or blocked isocyanate group |
| 400.31 |Organo silicon | 182.21 |Two or more reactants containing isocyanate or blocked isocyanate groups |
| 400.4 |Boron containing | 182.22 |Urethane (-N-C(=O)-O-C-) group |
| 400.41 |Organo boron | 182.23 | ...Reactant contains oxygen |
| 400.5 |Chromium containing | 182.24 | ...Reactant contains plural hydroxyl groups |
| 400.51 |Lead containing | 182.25 |Three or more reactants containing plural hydroxyl groups |
| 400.52 |Zinc or aluminium containing | 182.26 |Reactant contains nitrogen |
| 400.53 |Nickel, iron, cobalt, copper, manganese, mercury, or cadmium containing | 182.27 |Reactant contains ether linkage |
| 400.54 |Molybdenum, arsenic, antimony, vanadium, bismuth, tungsten, selenium, or tellurium containing | 182.28 |Reactant contains carboxylic acid group or derivative thereof |
| 400.61 | ...Group IIA metal containing | 182.29 | ..With stabilizer or inhibitor |
| 400.62 | ...Alkali metal or NH ₄ ⁺ containing | 182.3 | ..Reactant contains phosphorus, silicon, or sulfur atom, or contains metal-to-carbon bond |
| 401 | ...Amine, amide, azo, or nitrogen-base radical containing | 182.31 | ..Reactant contains phenolic, phenolic ether, or inorganic phenolate group |
| 402 |Sulphur organic compound containing | 182.32 | ..Inorganic reactant other than sulfur containing |
| 403 |Oxygen organic compound containing | 182.33 | ..Reactant contains heavy metal |
| 404 | ...Phenol or quinone radical containing | | |
| 405 | ...Nitrogen organic compound containing | | |

182.34 ..Reactant contains nitrogen
182.35 ..Reactant contains aluminum or phosphorus
183.11 **CHEMICALLY INTERACTIVE REACTANTS (VIS-A-VIS)**
183.12 ..With stabilizer or inhibitor
183.13 ..Organic reactant admixed with inorganic reactant
183.14 ..Inorganic reactants only
183.15 ..Calcium carbide precursors
183.16 ..Contains carbonate or bicarbonate

CROSS-REFERENCE ART COLLECTIONS

950 **DOPING AGENT SOURCE MATERIAL**
951 ..For vapor transport
960 **SURFACE FLAW DETECTING COMPOSITIONS**
961 **STRESS OR CONTACT INDICATORS**
962 **TEMPERATURE OR THERMAL HISTORY**
963 **HUMIDITY OR MOISTURE INDICATORS**
964 **LEAK DETECTION**
965 **RETROSPECTIVE PRODUCT IDENTIFICATION (E.G., TAGS AND TRACERS, ETC.)**

FOREIGN ART COLLECTIONS

Any foreign patents or non-patent literature from subclasses that have been reclassified have been transferred directly to FOR Collection listed below. These collections contain ONLY foreign patents or nonpatent literature. The parenthetical references in the Collection titles refer to the abolished subclasses from which these Collections were derived

FOR 000 **CLASS-RELATED FOREIGN DOCUMENTS**
FOR 100 **TEXTILE TREATING (252/8.6)**
FOR 101 ..Organic sulphoxy compound containing (252/8.7)
FOR 102 ..Organic amine or amide containing (252/8.75)
FOR 103 ..Organic amine or amide containing (252/8.8)

FOR 104 ..Ether group containing (252/8.9)
FOR 113 **SWEEPING OR DUST OR PARTICLE ADHERENT (252/88)**
FOR 247 **SOAPS (ALKALI-METAL SALTS OF WATER-INSOLUBLE FATTY OR ROSIN ACIDS) (252/367)**
FOR 248 ..Products (252/368)
FOR 249 ..Including saponification (252/369)
FOR 250 ..With subsequent operations (252/370)
FOR 251 ..Metal compound containing (252/518)
FOR 252 ..Iron group compound (252/519)
FOR 253 ..Titanium or zirconium compound (252/520)
FOR 254 ..Magnesium, alkaline earth metal, or rare earth metal compound (252/521)

DIGESTS

DIG 18 **ACTIVATION-PLATINUM**